Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090718\
Data File : VU026617.D
Acq On : 07 Sep 2018 12:22
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
9/10/2018 9:52:52 AM

Quant Time: Sep 07 23:07:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	27075	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	9602	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	10611	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	79554	7.55	ug/l		98
3) Chloromethane	1.32	50	95758	10.65	ug/l		99
4) Vinyl Chloride	1.40	62	93340	10.38	ug/l		100
5) Bromomethane	1.63	94	44055	8.91	ug/l		97
6) Chloroethane	1.70	64	57231	10.63	ug/l		100
7) Trichlorofluoromethane	1.89	101	117484	8.85	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	70268	9.54	ug/l		97
9) 1,1-Dichloroethene	2.29	96	61135	9.72	ug/l		97
10) Iodomethane	2.41	142	57270	5.90	ug/l		99
11) Allyl Chloride	2.59	41	118105	11.17	ug/l		97
12) Acrylonitrile	2.94	53	31225	21.90	ug/l		98
13) Acetone	2.33	43	70834	65.08	ug/l		99
14) Carbon Disulfide	2.48	76	216155	9.95	ug/l		100
15) Methylene Chloride	2.70	84	72587	11.07	ug/l		98
16) trans-1,2-Dichloroethene	2.98	96	69206	9.51	ug/l		97
17) 1,1-Dichloroethane	3.44	63	123477	9.28	ug/l		99
18) 2-Butanone	4.28	43	96458	47.27	ug/l		99
19) Cyclohexane	4.99	56	90581	9.26	ug/l		91
20) Methylcyclohexane	6.41	83	104975	9.16	ug/l		97
21) 2,2-Dichloropropane	4.23	77	96879	7.08	ug/l		100
22) cis-1,2-Dichloroethene	4.23	96	69722	7.90	ug/l		96
23) Diethyl Ether	2.11	59	50917	10.58	ug/l		97
24) tert-Butyl Alcohol	2.85	59	53165	107.89	ug/l	#	82
25) Methyl tert-Butyl Ether	3.01	73	164201	10.02	ug/l		100
26) Bromochloromethane	4.55	128	29093	7.37	ug/l		93
27) Chloroform	4.67	83	120520	7.83	ug/l		99
28) 1,1,1-Trichloroethane	4.92	97	99808	7.29	ug/l		99
29) 1,1-Dichloropropene	5.13	75	91918	8.52	ug/l		98
30) Carbon Tetrachloride	5.13	117	91830	7.11	ug/l		99
31) Isopropyl Ether	3.58	45	193477	8.82	ug/l		96
32) Ethyl-t-butyl ether	4.08	59	166849	8.69	ug/l		96
33) Tert-Amyl methyl ether	5.58	73	144733	8.82	ug/l		99
34) Propionitrile	4.34	54	26447	45.51	ug/l	#	93
35) Benzene	5.39	78	266435	8.54	ug/l		99
36) 1,2-Dichloroethane	5.41	62	75999	7.86	ug/l		99
37) Trichloroethene	6.19	130	69102	7.87	ug/l		98
38) 1,2-Dichloropropane	6.44	63	71230	8.81	ug/l		100
39) Methacrylonitrile	4.55	41	22185	9.04	ug/l		93
40) Methyl acrylate	4.43	55	32809	8.82	ug/l	#	97
41) Tetrahydrofuran	4.66	42	22533	16.51	ug/l		95
42) 1-Chlorobutane	5.07	56	129801	8.89	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	34363	8.00	ug/l		100
44) Bromodichloromethane	6.76	83	86321	7.79	ug/l		99
45) 4-Methyl-2-Pentanone	7.47	43	208372	47.88	ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	29986m	13.81	ug/l		
47) Methyl methacrylate	6.63	69	61335	18.70	ug/l		97
48) Ethyl methacrylate	8.02	69	58877	9.81	ug/l		100
49) Toluene	7.64	92	159087	8.93	ug/l		97
50) t-1,3-Dichloropropene	7.88	75	77659	8.21	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	93316	8.51	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	47396	8.14	ug/l		96
53) 1,3-Dichloropropane	8.24	76	81886	8.46	ug/l		100
54) 2-Hexanone	8.37	43	148088	47.80	ug/l		99
55) Dibromochloromethane	8.48	129	57984	7.45	ug/l		99
56) 1,2-Dibromoethane	8.59	107	43839	7.74	ug/l		100
58) Tetrachloroethene	8.23	164	64365	7.75	ug/l		96
59) Chlorobenzene	9.12	112	171516	8.31	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	63252	7.69	ug/l		98
61) Pentachloroethane	11.10	117	51377	7.32	ug/l		98
62) Hexachloroethane	12.15	117	54051	7.72	ug/l		99
63) Ethyl Benzene	9.25	91	302557	9.24	ug/l		100
64) m/p-Xylenes	9.38	106	239870	18.35	ug/l		98
65) o-Xylene	9.78	106	113009	9.07	ug/l		98
66) Styrene	9.79	104	195330	9.16	ug/l		99
67) Bromoform	9.96	173	34225	7.46	ug/l		99
69) Isopropylbenzene	10.17	105	297397	9.03	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	59152	8.10	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	38809	7.42	ug/l	#	96
72) Bromobenzene	10.45	156	73891	8.01	ug/l		99
73) n-propylbenzene	10.59	120	85178	8.84	ug/l		98
74) 2-Chlorotoluene	10.66	126	74421	8.56	ug/l		93
75) 1,3,5-Trimethylbenzene	10.77	105	264398	9.03	ug/l		99
76) 4-Chlorotoluene	10.77	126	78441	8.78	ug/l		98
77) tert-Butylbenzene	11.10	119	254543	8.73	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	273628	9.03	ug/l		99
79) sec-Butylbenzene	11.32	105	345021	9.03	ug/l		99
80) Nitrobenzene	12.86	77	12898	40.41	ug/l		96
81) p-Isopropyltoluene	11.48	119	291600	9.02	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	150240	7.74	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	151758	7.83	ug/l		99
84) n-Butylbenzene	11.89	91	281258	8.99	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	139897	7.85	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	9529	7.41	ug/l		94
87) 1,2,4-Trichlorobenzene	13.50	180	101794	8.12	ug/l		100
88) Hexachlorobutadiene	13.69	225	61964	8.08	ug/l		98
89) Naphthalene	13.75	128	171686	8.69	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	97506	8.25	ug/l		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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